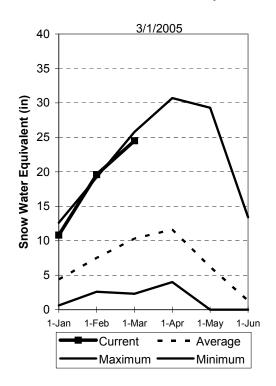
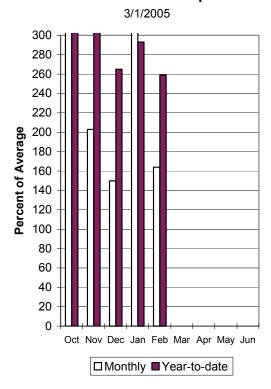
## E. Garfield, Kane, Washington, & Iron co. Mar 1, 2005

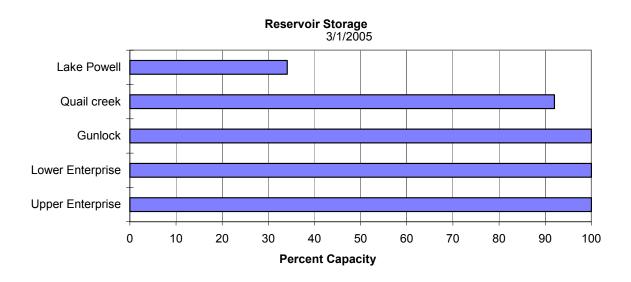
Snowpacks in this region are much above normal at 237% of average, about 206% of last year and down 10% from last month. Individual sites range from 36% to 281% of average. Precipitation was much above normal during February at 164% of average, bringing the seasonal accumulation (Oct-Feb) to 259% of normal. Soil moisture estimates in runoff producing areas are at 76% of saturation in the upper 2 feet of soil compared to 30% last year and the same as last month. Forecast streamflows range from 260% to 282% of average. Reservoir storage is at 95% of capacity, 47% more than last year. The Surface Water Supply Index is at 95%, indicating much above normal water availability. February has heightened concerns over the potential for high flows this spring, some of which have already occurred. This area has 211% of normal April 1 peak and with average March accumulations will be at 222% this April.

## **Southwest Utah Snowpack**



## **Southwest Utah Precipitation**





E. GARFIELD, KANE, WASHINGTON, & IRON Co.

Streamflow Forecasts - March 1, 2005												
Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ====== Wetter ====>>							     			
		90%   (1000AF)	70% (1000AF)	50   (1000AF)	_	1	30% (1000AF)	10% (1000AF)	30-Yr Avg.   (1000AF)			
Lake Powell inflow	APR-JUL	5700	7430	8600	108	-, !	9770	11500	7930			
Virgin River nr Virgin	APR-JUL	119	147	1 167	261		189	225	64			
Virgin River nr Hurricane	APR-JUL	152	179	193	280		205	235	69			
Santa Clara River nr Pine Valley	APR-JUL	9.82	13.05	1 15.50	282		18.16	22.47	5.50			
Coal Creek nr Cedar City	APR-JUL	35	44	I 50 I	259	i	57	68	19.3			

E. GARFIELD, KANE, Reservoir Storage (10	 	E. GARFIELD, KANE, WASHINGTON, & IRON Co. Watershed Snowpack Analysis - March 1, 2005						
Reservoir	Usable   Capacity  		able Stora Last Year	age ***       Avg	Watershed D	Number of Oata Sites	This Yea: ======= Last Yr	r as % of  Average
GUNLOCK	10.4	10.4	4.9	4.9	VIRGIN RIVER	5	214	254
LAKE POWELL	24322.0	8288.0	10569.0		PAROWAN	2	226	268
QUAIL CREEK	40.0	36.8	24.0	29.7	ENTERPRISE TO NEW HARMON	IY 2	110	122
UPPER ENTERPRISE	10.0	10.0	0.0	!	COAL CREEK	2	218	260
LOWER ENTERPRISE	2.6	2.6	0.6	90.0	ESCALANTE RIVER	2	221	266
				 	E. GARFIELD, KANE, WASHI	:n 9	203	237

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.(2) - The value is natural volume - actual volume may be affected by upstream water management.